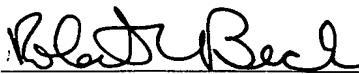


89 Rec'd PCT/PTO 16 FEB 1995

18/387832

FORM PTO-1390 (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
				9895.5-US-WO
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED	
PCT/US93/09015	September 23, 1995		September 23, 1992	
TITLE OF INVENTION <b>ENDOCARDIAL MAPPING SYSTEM</b>				
APPLICANT(S) FOR DO/EO/US <b>BEATTY, Graydon Ernest et al.</b>				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
Items 11. to 16. below concern other document(s) or information included:				
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input type="checkbox"/> Other items or information:</li> </ol>				

J.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/US93/09015	ATTORNEY'S DOCKET NUMBER 9895.5-US-WO	
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY	
Basic National Fee (37 CFR 1.492(a)(1)-(5)): <b>850.00</b> Search Report has been prepared by the EPO or JPO..... <b>\$850.00</b>			
International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... <b>\$640.00</b> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).. <b>\$710.00</b>			
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$980.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... <b>\$90.00</b>			
<b>ENTER APPROPRIATE BASIC FEE AMOUNT</b> =		<b>\$1380.00</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		<b>\$ 130.00</b>	
Claims	Number Filed	Number Extra	Rate
Total Claims	12 - 20 =		X \$22.00 \$ -0-
Independent Claims	5 - 3 =	2	X \$74.00 \$ 148.00
Multiple dependent claims(s) (if applicable)		+ \$230.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b> =		<b>\$ 1658.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).		<b>\$ 829.00</b>	-
<b>SUBTOTAL</b> =		<b>\$ 829.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$	
<b>TOTAL NATIONAL FEE</b> =		<b>\$ 829.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	
<b>TOTAL FEES ENCLOSED</b> =		<b>\$ 829.00</b>	
		Amount to be: refunded \$ charged \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>829.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u> . A duplicate copy of this sheet is enclosed.			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>			
SEND ALL CORRESPONDENCE TO: Robert C. Beck MERCHANT, GOULD, SMITH, EDELL, WELTER & SCHMIDT, P.A. 3100 Norwest Center 90 South Seventh Street Minneapolis, Minnesota 55402 Phone: 612/336-4706 Facsimile: 612/332-9081		 SIGNATURE <u>ROBERT C. BECK</u> NAME <u>28,184</u> REGISTRATION NUMBER	

11/387832

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

05 Rec'd 0274P0

16 FEB 1995

\* In re Application of: Graydon Ernest Beatty et al.

Title: ENDOCARDIAL MAPPING SYSTEM

Docket No.: M&amp;G 9895.5-US-WO

The Commissioner of Patents and Trademarks  
 Attn: Patent Application  
 Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- Transmittal sheet in duplicate containing Certificate under 37 CFR 1.10.^
- Utility Patent Application: Spec. \_ pgs; \_ claims; Abstract \_ pgs.
- Design Patent Application: \_ pgs.^
- Plant Patent Application: Spec. \_ pgs; \_ claims; Abstract \_ pgs.^
- \_ Sheet(s) of \_ formal \_ informal drawing(s).^
- An Assignment of the invention to \_ and Recordation Form Cover Sheet.^
- A certified copy of a \_ application, Serial No. \_, filed 19\_, the right of priority of which is claimed under 35 U.S.C. Section 119.^
- Small entity status of this application will be established at a later date.^
- X A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27.^
- A signed Combined Declaration and Power of Attorney.^
- An unsigned Combined Declaration and Power of Attorney.^
- X A check in the amount of \$829.00 to cover the Filing Fee.^
- A check in the amount of \$40.00 to cover the Assignment Recording Fee.^
- X A return postcard.
- X Other: Transmittal Letter To The United States Designated/Elected Office (DO/EO/US)  
Concerning A Filing Under 35 U.S.C. 371.^
- X The filing fee has been calculated below as follows:

## CLAIMS AS FILED

FOR:	(1) No. Filed	(2) No. Extra	SMALL ENTITY		or	OTHER	
			RATE	Fee		RATE	Fee
BASIC FEE	#####	#####	#####	\$365		#####	\$730
TOTAL CLAIMS	-	20 =	x 11 = \$		or	x 22 = \$	
INDEPENDENT CLAIMS	-	3 =	x 38 = \$		or	x 76 = \$	
[ ] MULTIPLE DEPENDENT CLAIM PRESENTED			+120 = \$		or	+ 240 = \$	
			TOTAL	\$			\$829.00

If the difference in Column (1) is less than zero; enter "0" in Column (2).

Please charge any additional required fees or credit overpayment to Deposit Account No. 13-2725. A duplicate copy of this sheet is enclosed.

MERCHANT, GOULD, SMITH, EDELL, WELTER & SCHMIDT  
 3100 Norwest Center, Minneapolis MN 55402 (612-332-5300)

By: Robert C. Beck  
 Name: Robert C. Beck  
 Reg. No. 28,184

## CERTIFICATE UNDER 37 CFR 1.10:

\* "Express Mail" mailing label number: Tina Jalivay  
 Date of Deposit: TB636629433US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Comm. of Patents and Trademarks, Washington, D.C. 20231.

By: Tina Jalivay  
 Name: Tina Jalivay  
 (NEW FILING)

930420

The "RECEIVED" stamp of the United States Patent and Trademark Office imprinted hereon acknowledges receipt of:

Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371; Verified Statement To Establish Small Entity; check in the amount of \$829.00

APPLICANT: Graydon Ernest Beatty et al.  
FOR: ENDOCARDIAL MAPPING SYSTEM

M&G 9895.5-US-WO

RCB:bjh

DUE: N/A

08/387832

MAILED: February 16, 1995 by  
Certificate Under 37 CFR 1.10  
Express Mail No: TB636629433US

RECEIVED U.S. PATENT AND TRADEMARK OFFICE  
FEB 16 1995

